

# The Rural District Council of Llantrisant & Llantwit Fardre.

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## ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year ending

31st DECEMBER, 1966.

Council Offices,  
"Danygraig",  
Llantrisant, Glam.







# I N D E X

<u>Item</u>	<u>Page</u>
Members and Officers.....	1
Medical Officer of Health's Preface.....	2
General Statistics of the District.....	3
1. Vital Statistics.....	
Live Births.....	3
Stillbirths.....	3
Infant Deaths.....	4
Neonatal Mortality.....	4
Early Neonatal Mortality.....	4
Perinatal Mortality.....	4
2. Premature Infants, Home Births etc.,.....	5
3. Deaths: Total Deaths.....	5
Tuberculosis Death Rate.....	5
Other Respiratory Diseases.....	5
Cancer.....	6
Leukaemia and Aleukaemia.....	6
Infant Mortality Classification.....	6
Glamorgan Admin. County Statistics.....	7
Registrar General's Report on Deaths.....	8
4. Infectious Diseases:	
New notifications of Tuberculosis in Wards.....	9
New cases of Tuberculosis in age groups.....	9/10
Infectious diseases other than T.B.....	10
Prevalence and control of Infectious and other diseases.....	11
Infectious diseases admitted to hospital.....	11
5. Hospitals.....	11/12
6. Ambulance facilities.....	12
7. Mentally Sub-normal Persons.....	12
8. Registered Blind Persons.....	12
9. Housing Acts.....	13
10. Constructional Undertakings.....	13
11. Rodent Control.....	13
12. Laboratory Services.....	14
13. Licences.....	14
14. Atmospheric Pollution.....	14/15
15. Record of Inspections of Public Health Inspectors....	16
16. Water supply and water samples.....	16/17
17. Milk Samples.....	18
18. Ice cream samples.....	18
19. Rainfall.....	18
20. Housing Repairs etc.....	18
21. Closet Conversions.....	19
22. Food Inspection.....	19
23. Meat Inspection.....	20
24. Sewage Disposal and Sewerage.....	21
25. Administration of Factories Act.....	22/23



ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTHYEAR ENDING 31st DECEMBER, 1966

Chairman of the Council: Councillor G. Phillips, J.P.  
 Vice Chairman: Councillor T. Winslade Roderick.

MEMBERS OF THE COUNCIL

Town Ward: Councillors J.D. Timothy, D.J. Harrison, H.H. Ashcroft,  
 R.K. Carter, D.Ll. Morgan, and G. Phillips, J.P.

Tonyrefail Ward: Councillors J.A. Copeland, R. Cox, T.W. Roderick,  
 H.L. Thomas, K. Pontin, and L.L. Carter, J.P.

Gilfach Goch Ward: Councillors D.G. Bonner, D. Rees, and Dr. W. Moody-Jones.

Llantwit Fardre:

Parish : Councillors Mrs. C.J. Stranger, J.W. Clayton and I. Hughes.

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 S T A F F
 

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Medical Officer of Health:

EILEEN G. WATKINS: M.B., B.Ch., B.A.O., D.P.H., L.M. (ROT)

Public Health Inspectors:

J. GRAHAM C. SHORT: C.S.I.B., M.P.H.I., Sanitary Inspectors' Certificate  
 (Senior) of the R.S.I. and S.I.E. Joint Board; Meat and Other  
 Foods Inspectors Certificate of the R.S.I;  
 Diploma in Hygiene of the Royal Institute of  
 Public Health and Hygiene (Sir Malcolm Morris  
 prizewinner); Inter. B.Sc. (Wales); Final Zoology (Wales)

ALAN M. KELLY: M.A.P.H.I., M.R.S.H., M.R.P.A.

S. MASON: C.S.I.B., M.S.I.A., Meat and Foods Certificate of R.S.I.;  
 Joint Testamure of University of Wales and Cardiff  
 Technical College; Inter. City and Guilds Certificate  
 in Boilerhouse Practice.

R. KEAR: Student Public Health Inspector.

CLERICAL: Mrs. J. McNEILLY.





P R E F A C E  
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Mr. Chairman, Madam and Gentlemen,

I have the honour to present the Annual Report of the Public Health of the district for the year 1966.

The urbanisation of this rural area continues apace. More than 800 houses have been built during the year. The Council celebrated the completion of the 3,000th Council house, an achievement of which members may be justly proud.

The Meals on Wheels service continues to run smoothly, and during the year 11,898 meals were served. I am indebted to the members of the Women's Royal Voluntary Service for their co-operation and support in the implementation of this scheme which is subsidised by the Council.

The recreational needs of the younger people in the area are to be satisfied by the erection of two new heated indoor swimming pools. It has been decided that one is to be sited at Southgate, Llantrisant and the other in the northern half of the area at Tonyrefail.

It has been decided by the Council in principle, and the machinery is in motion, to erect a sewage works to cater for the Cross Inn district. Committees are at present working on the proposed new sewage works at Miskin. The position with regard to sewage disposal at parts of Groesfaen, Upper Church Village, Willowford, Mwyndy and Talygarn remains unaltered.

I should like to thank the Chairman of the Public Health Committee and members of the Council for their encouragement and support, the Council's officials for their friendly co-operation and the Staff of the Health Department for their help and loyalty during the year.

I am,

Mr. Chairman, Madam and Gentlemen,

Your obedient Servant,

EILEEN G. WATKINS.

Medical Officer of Health.

Public Health Department,  
Danygraig,  
Llantrisant.



GENERAL STATISTICS

Area of District	18,433 acres.
Population: Est. Mid year, 1966	29,500
Census 1961	27,109
Number of Private dwellings:	
Est. 1966	8,919
Census 1961	7,631
Number of Private households:	
Est. 1966	9,016
Census 1961	7,811
Rateable Value of District:	
March, 1966	£1,036,013
Sum Produced by Penny Rate:	
March, 1966.	£4,072

II. VITAL STATISTICSLIVE BIRTHS:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	289	270	559
Illegitimate	13	9	22
	<u>302</u>	<u>279</u>	<u>581</u>

Live Birth Rate per 1,000 population:

	<u>Crude</u>	<u>Adjusted</u>	<u>England and Wales</u>
Comparability Factor - 0.95	19.69	18.71	17.7

Illegitimate Live Births

	<u>Males</u>	<u>Females</u>	<u>Total</u>
	13	9	22

Percentage of total live births: 3.78% : England and Wales - 7.7%

STILLBIRTHS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	5	7	12
Illegitimate	-	-	-
	<u>5</u>	<u>7</u>	<u>12</u>

Stillbirth rate per 1,000 total live and stillbirths: 33.73  
 England and Wales : 26.3

TOTAL LIVE AND STILLBIRTHS: 593

INFANT DEATHSDeaths under 1 year:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	5	9	14
Illegitimate	-	1	1
	<u>5</u>	<u>10</u>	<u>15</u>

Infant Mortality:

Rate per 1,000 total live births:	17.7
Total Infant Deaths per 1,000 total live births, England and Wales:	19.0

Neo-Natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	5	7
Illegitimate	-	1	1
	<u>2</u>	<u>6</u>	<u>8</u>

Deaths under 4 weeks per 1,000 total live births:	11.1
En land and Wales:	12.9

Early Neo-Natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	5	7
Illegitimate	-	1	1
	<u>2</u>	<u>6</u>	<u>8</u>

Perinatal Mortality Rate: Total 21

Stillbirths and deaths under 1 week combined	
Rate per 1,000 total live and stillbirths, England and Wales:	26.3

MATERNAL MORTALITY (including Abortion)

There were no deaths under the heading pregnancy, childbirth or abortion.

2. HOME BIRTHS, PREMATURE INFANTS, ETC.

The following information has kindly been furnished by the Divisional Medical Officer of Health :-

There were 53 premature births notified during the year (i.e. birth weight of 5½ lbs or under) of which there were no stillbirths. This compares with 42 births for 1965.

No. of live births at home:	147
No. of stillbirths at home:	Nil
No. of live births born in hospitals outside the area:	438
No. of stillbirths born in hospitals outside the area	13
Therefore No. born in hospitals within the area:	287.
No. of stillbirths in hospital within the area.	9

3. DEATHS.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total Deaths:	155	133	288

The crude death rate is 9.46 (comparability factor 1.28).

Tuberculosis Death Rate:

There were 3 deaths from this disease compared with none in 1965.

Other Respiratory Diseases Death Rate:

The number of deaths from Bronchitis, Pneumonia and other Respiratory diseases was 36 for 1966 against 35 for the previous year making a rate in relation to total deaths of 129.15 per 1,000 deaths against 129.15 for the previous year.



Cancer.

Deaths from Cancer were 42 as compared with 58 for the previous year. The organs affected according to classification by the Registrar General were :-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Stomach	4	3	7
Lungs, Bronchus	10	-	10
Breast	-	3	3
Uterus	-	1	1
All other sites	12	9	21
	<u>26</u>	<u>16</u>	<u>42</u>

Rate in relation to total deaths is 145.74 per 1,000 deaths in 1966 against 214.02 for the previous year.

Leukaemia, Alcukaemia:

There were 2 deaths under this classification for 1966, the same figure as recorded for 1965 being 6.94 per 1,000 total deaths.

Infant Mortality Classification:

	Total under 1 week	Weeks 1-2-3-4-	Total 1-4 weeks	Months 1-3-6-9-12	Total 1-12 months	Total all deaths under 1 year.
Prematurity	2					2
Aneucephalic	1					1
Respiratory Infection				2	2	2
Exhaustion	1					1
Inhalation of Vomit				2	2	2
Bronchitis				1	1	1
Gastro Enteritis				1	1	1
	4				6	10

GLAMORGAN (ADMINISTRATIVE COUNTY) VITAL STATISTICS, 1966

		Estimated Populat- ion, 1966	BIRTHS			DEATHS			INFANT MORTALITY		PERINATAL MORTALITY		
			Number of Births	Rate per 1,000 Population		Number of Deaths	Rate per 1,000 Population		Deaths under one yr.	Rate per 1,000 live births.	Still- births & deaths under one week	Rate per 1,000 live & still- births	
				Crude	Adjusted		Crude	Adjusted					
England and Wales		48075300	850000		17.7	563626		11.7	16147	19.00	22747	26.3	
Administrative County		764000	12804	16.76	17.10	9401	12.30	13.90	271	21.17	396	30.38	
Urban Districts		526040	8687	16.51	17.01	6631	12.61	14.38	192	22.10	282	31.86	
Rural Districts		237960	4117	17.30	17.47	2770	11.64	12.57	79	19.19	114	27.25	
Health Division		Constituent Districts											
Aberdare and		Aberdare Urban	38700	606	15.66	17.07	582	15.04	15.34	15	24.75	26	41.87
Mountain Ash		Mountain Ash Urban	29300	509	17.37	17.37	372	12.70	15.24	15	29.47	18	44.62
Caerphilly and		Caerphilly Urban	38040	814	21.40	20.97	430	11.30	14.13	25	30.71	34	41.06
Gelligaer		Gelligaer Urban	35000	658	18.80	18.80	413	11.80	15.34	13	19.76	23	34.28
Mid-Glamorgan		Bridgend Urban	15100	231	15.30	15.76	181	11.99	13.19	3	12.99	7	29.79
		Maesteg Urban	21430	353	16.47	17.13	261	12.18	14.86	5	14.16	1	27.70
		Ogmore and Garw Urban	20670	320	15.48	15.94	261	12.63	15.41	9	28.13	13	39.88
		Porthcawl Urban	12540	248	19.78	22.15	168	13.40	11.52	5	20.16	2	8.03
		Penybont Rural	46650	990	21.22	20.37	599	12.84	12.33	23	23.23	25	25.00
Neath and		Neath M.B.	30200	450	14.90	15.50	404	13.38	14.45	6	13.33	11	24.07
District		Neath Rural	40910	628	15.35	15.96	456	11.15	13.49	15	23.8	28	43.55
Pontypridd and		Llantrisant Rural	29500	581	19.69	18.71	288	9.76	12.49	15	25.82	20	33.73
Llantrisant		Pontypridd Urban	35090	555	15.82	16.14	433	12.34	12.83	11	19.82	16	28.32
Port Talbot and		Glyncorrgwg Urban	9460	191	20.19	19.58	105	11.10	16.67	8	11.88	9	45.68
Glyncorrgwg		Port Talbot M.B.	51800	792	15.29	15.14	586	11.31	15.38	14	17.68	24	29.70
South East		Barry M.B.	42430	702	16.54	17.04	439	11.52	12.67	12	17.09	18	25.28
Glamorgan		Cardiff Rural	54410	883	16.23	15.74	680	12.50	12.00	8	9.06	17	18.97
		Cowbridge M.B.	1140	21	18.42	18.60	13	11.40	12.20	-	-	-	-
		Cowbridge Rural	21260	374	17.59	18.82	165	7.76	12.80	8	21.39	9	23.56
		Penarth Urban	21950	395	18.00	19.44	297	13.53	12.58	7	17.72	12	29.85
West Glamorgan		Gower Rural	15100	257	17.02	18.38	165	10.93	10.93	4	15.56	6	22.99
		Llwchwr Urban	25470	397	15.59	16.68	322	12.64	13.78	8	20.15	8	20.00
		Pontardawe Rural	30130	404	13.40	15.14	417	13.84	14.26	6	14.85	9	22.00
Ystradgynlais M.B.			97720	1445	14.79	15.23	1314	13.45	15.33	36	24.91	51	34.51





Causes of Death According to Registrar General's Report

	<u>Male</u>	<u>Female.</u>
All Causes:	155	133
Tuberculosis, Respiratory.....	3	-
Measles.....	-	1
Malignant Neoplasm, Stomach.....	4	3
Malignant Neoplasm, Lungs, Bronchus.....	10	-
Malignant Neoplasm, Breast.....	-	3
Malignant Neoplasm, Uterus.....	-	1
Other Malignant and Lymphatic Neoplasms.....	12	9
Leukaemia, Aleukaemia.....	-	2
Diabetis.....	1	1
Vascular Lesions of Nervous Systems.....	15	35
Coronary Disease, Angina.....	40	28
Hypertension with Heart disease.....	4	4
Other Heart Disease.....	10	10
Other Circulatory Diseases.....	3	5
Influenza.....	1	-
Pneumonia.....	6	2
Bronchitis.....	15	3
Other diseases of Respiratory System.....	7	3
Ulcer of Stomach and Duodenum.....	1	1
Gastritis, Enteritis and Diarrhoea.....	1	2
Nephritis and Nephrosis.....	3	-
Hyperplasia of Prostate.....	2	-
Congenital Malformations.....	1	-
Other Defined and Ill-defined Diseases.....	7	15
Motor Vehicle accidents.....	3	1
All other accidents.....	3	3
Suicide.....	3	1

4. INFECTIOUS DISEASES.New Notifications of Tuberculosis in Each Ward.

	<u>Pulmonary</u>		<u>Non-pulmonary</u>		<u>Total</u>	
	M.	F.	M.	F.	M.	F.
Tonyrefail Ward	1	-	1	-	2	-
Gilfach Goch Ward	-	1	-	-	-	1
Town Ward	3	-	-	-	3	-
Llantwit Fardre Parish	-	1	-	-	-	1
	4	2	1	-	5	2

New cases of Tuberculosis in Age Groups.

<u>Age</u>	<u>Respiratory</u>		<u>Non-Respiratory.</u>	
	M.	F.	M.	F.
Under 1 year	-	-	-	-
1 - 4 years	-	-	-	-
5 - 14 years	-	1	-	-
15 - 24 years	1	1	-	-
25 - 44 years	2	-	1	-
45 - 64 years	1	-	-	-
65 years and over	-	-	-	-
	4	2	1	-

The number on the register at the end of the year was:

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Pulmonary	91	96	187
Non-pulmonary	19	12	31
	110	108	218

There were 3 deaths due to pulmonary tuberculosis in 1966 compared with none in 1965 and also there were no deaths from other forms of Tuberculosis. There were 10 admissions to hospital for treatment during the year.

The number of new cases of tuberculosis notified during the year was 7 against 10 for 1965.

Infectious diseases (other than Tuberculosis) in age groups:

	Scarlet Fever	Whooping Cough	Measles	Dysentery	Anthrax
Under 1 year	-	1	55	1	-
1 year	1	-	72	-	-
2 years	2	-	98	-	-
3 years	1	-	79	-	-
4 years	3	-	84	-	-
5 - 9 years	7	1	161	1	-
10 - 14 years	1	-	11	-	-
15 - 24 years	-	-	2	-	-
25 years and over	-	-	3	1	1
Age unknown	-	-	26	2	-
	15	12	591	5	1

  

	Pneumonia	Food Poisoning.	Puerperal Pyrexia	Erysipelas
Under 5 years	1	-	-	-
5 - 14 years	-	-	-	1
15 - 44 years	3	1	3	-
45 - 64 years	3	2	-	-
65 and over	2	1	-	-
Age unknown	1	-	-	-
	10	4	3	1

Prevalence and control of Infectious and other Diseases.

The duties are carried out under this Authority but the County Medical Officer of Health, through his Divisional Medical Officer for the area must be informed within 48 hours of all notifiable diseases occurring in this district for which a fee is paid by the County Council.

The number of cases notified during the year was 639 compared with 199 for 1965.

Number of cases of Infectious Diseases admitted to hospital, with numbers of corrected notifications.

	<u>Number of Corrected Notifications</u>	<u>Number Admitted to hospital</u>	<u>Total Deaths.</u>
Pneumonia	10	-	8
Puerperal Pyrexia	3	3	-
Scarlet Fever	15	-	-
Whooping Cough	2	1	-
Measles	591	6	1
Food Poisoning	4	2	-
Dysentery	5	-	-
Anthrax	1	1	-
Tuberculosis	7	-	3
Erysipelas	1	-	-
	<u>639</u>	<u>13</u>	<u>12</u>

5. HOSPITALS.

The hospitals which serve the area are :-

- (a) General:
- (i) East Glamorgan Hospital, Church Village.
  - (ii) Llwynypia Hospital.
  - (iii) Cardiff Royal Infirmary.
  - (iv) St. David's Hospital, Cardiff.
  - (v) Bridgend General Hospital.
  - (vi) Llandough Hospital
  - (vii) Whitchurch Hospital (also partly special).
  - (viii) Graig Hospital, Pontypridd.
  - (ix) Subsidiary Hospitals such as Pontypridd Cottage, Rookwood, Treherbert and Pentwyn.
  - (x) Rhiwfelin Hospital which is now used as an Annex for the Graig Hospital, Pontypridd for the aged, chronic sick and epileptic patients.
  - (xi) Tonteg and Glanely Hospitals: Chest patients and geriatric patients.

(b) Infectious Diseases. Generally patients are sent to Tyntyla Hospital, Ystrad or to Lansdowne Hospital, Cardiff.

(c) Mental: Usually Morgannwg, Penyfai, Glanrhyd and Park, Whitchurch, and Hensol.

(d) Tuberculosis: Any tuberculosis hospital in Wales, usually Tyntyla or Sully.

(e) Orthopaedic: Rhydlafer.

(f) Maternity: Glyncofel and General Hospitals' Maternity Units.

(g) Burns and Plastic Surgery Unit: St. Lawrence's Hospital, Chepstow.

#### 6. AMBULANCE FACILITIES:

The Ambulance Service is administered by the Glamorgan County Council.

In this area the main station is at Hawthorn (Telephone Nos. Pontypridd 3486/7 and Pontypridd 3327/8).

The Ambulance Station at Gilfach Goch is now manned by five drivers providing active cover for 24 hours per day.

Llantrisant is still provided with a sub-station on the old basis, whereby a driver can be called out at night when the need arises.

An ambulance station site is still being sought at Talbot Green.

All ambulances in the County of Glamorgan are in radio contact with the Control Station.

#### 7. MENTALLY SUB-NORMAL PERSONS.

There are 54 sub-normal and 32 severely sub-normal persons in this district as compared with 51 sub-normal and 31 severely sub-normal persons last year.

#### 8. REGISTERED BLIND PERSONS.

In 1965 there were 62 registered blind persons in this area and 29 partially sighted; in 1966 the numbers registered are now 58 blind persons and 24 partially sighted persons in this area.



9. HOUSING ACT.

Number of Demolition Orders.	1
Number of Closing Orders Pursuant to Sect.17 of the Housing Act 1936	16
Prosecutions in Default of Compliance with Notice(Sect.93 Public Health Act 1936)	Nil
Closing Orders and Demolition Orders revoked	5

10. CONSTRUCTIONAL UNDERTAKINGS.

I wish to thank the Council's Surveyor for the following information:-

Council Houses completed in 1966	543
Total number of permanent post-war houses	2,654
Total number of temporary post-war houses	100
Total post-war houses	3,297
Total number of pre-war houses	854
Total number of Council houses	3,563
Council houses under construction in 1966	320
No. Private enterprise houses completed in 1966	279
No. Private enterprise houses under con- struction	184
No. Police houses erected post-war	12
Total number of Prefabs. demolished	21

Re-wiring of pre-war Council houses and renewal of baths have now been completed satisfactorily. Dustbins have been issued to all properties within the Council's area, and are issued to new properties on completion.

36 applications were received for Improvement Grants, of which 27 were approved.

The Council's permanent caravan park at Penycodcae Road, Beddau, continues to provide a need in the area, all 53 standings continue to be occupied.

11. RODENT CONTROL.

The Council employs one full time rodent operator and during the year 891 properties were treated. Sewers were tested and treated in the manner recommended by the Ministry of Agriculture, Fisheries and Food. As in previous years, private houses were treated free of charge, but the cost of treating business premises was met by the occupiers. The Rodent Control in Factories scheme continues to operate satisfactorily for those factories participating in the scheme for an annual premium of £10. 0. Od.

12. LABORATORY SERVICES.

All laboratory examinations necessary for the Public Health Service are carried out at the Cardiff and County Public Health Laboratories. These are :-

- (a) Bacteriological and Chemical Examinations in relation to the control of infectious and contagious diseases.
- (b) Bacteriological and/or Chemical examinations of
  - (i) Milk
  - (ii) Drinking Water
  - (iii) Ice Cream.
- (c) Any other examinations which may be deemed necessary such as examinations of foodstuffs other than milk.
- (d) Examinations connected with atmospheric pollution and radio-activity of rainwater and drinking water.
- (e) Examination of sewage samples.

13. LICENCES.

The following licences were in force during 1966:

Icecream Manufacturers.....	5
Premises licensed to sell pre-packed icecream...	146
Slaughtermen.....	6
Slaughterhouses.....	2
Manufacturers of Preserved Food.....	9
Fireworks Licences. ....	42
Explosive Stores Licences.....	2
Petroleum Act and Regulations.....	62
Cinemas.....	2
Scrap Metal Dealers.....	6

14. ATMOSPHERIC POLLUTION.

The measurement of atmospheric pollution continued at Talbot Green and the Clinic Church Village. Results show the pollution remains at a generally low level and details of monthly readings together with the monthly mean temperature and rain fall is given over leaf.

DATE	DANYGRAIG, LLANTRISANT	TALBOT	GREEN	CHURCH VILLAGE			
1966	DAILY SMOKE FILTER /gms.Cu.M.	Titration Average SO2 mg. Per day	Deposit Gauge Tons Per sq.Mile	Lead Dioxide Instrument mg.SO3	LEAD Dioxide Instrument mg.SO3 per day	Mean Monthly Temperature of	Rainfall in inches.
JANUARY	43.50	106.34	13.34	1.18	1.43	38.69	4.12
FEBRUARY	21.79	56.65	13.61	0.53	0.72	42.72	4.79
MARCH	16.51	49.72	22.01	0.68	0.50	45.72	3.30
APRIL	19.00	76.33	21.87	0.61	0.70	49.33	5.00
MAY	12.38	31.00	22.00	0.35	0.31	55.43	4.90
JUNE	8.33	27.04	15.34	0.19	0.31	62.13	5.02
JULY	7.86	18.71	11.77	0.22	0.28	60.80	2.31
AUGUST	8.92	24.96	20.14	Nil *	Nil	60.95	6.25
SEPTEMBER	19.30	46.00	8.50	0.43	0.53	58.8	2.29
OCTOBER	17.60	35.50	9.37	0.47	0.40	54.16	5.01
NOVEMBER	22.44	64.44	17.78	0.53	0.52	41.83	3.68
DECEMBER	11.49	43.26	23.40	0.44	0.33	43.75	4.86

\* apparatus tampered with



15. RECORD OF INSPECTIONS BY PUBLIC HEALTH INSPECTORS.

Housing: 1st visits.....	224
Revisits.....	695
Caravans.....	100
Dairies etc .....	10
Shops and Warehouses.....	132
Factories.....	72
Explosives Act.....	26
Rodent Infestation.....	25
Vermin Infestation.....	47
Infectious Diseases.....	52
Drainage etc.....	134
Water supply.....	30
Food Inspection.....	42
Miscellaneous (including other duties).....	1390
Food Hygiene.....	125
Council House Inspection.....	355
Clean Air Act.....	356
Offices, Shops and Railway Premises Act 1963.....	122
Refuse Disposal.....	56
Meat Inspection.....	887
Groesfaen Survey.....	60
	<hr/>
	4940
	<hr/>

16. WATER SUPPLY.

634,000,000

The total consumption of water in 1966 was ~~204,174,000~~ gallons compared with 594,937,000 in 1965.

A total of 40 bacteriological examinations were taken at various points in the district from the piped supply with the following results:-

<u>Source of Supply</u>	<u>Number of Samples taken</u>	<u>Number of unsatisfactory results.</u>
Taf Fechan	8	-
Lanilid	9	1
Maendy	6	-
Fair View	1	-
Pontypridd & Rhondda J.W.B.	1	-
New Storage Tank, Llantrisant	-	-
Taf Fechan Water Board	11	3
	<hr/>	<hr/>
	36	4

All previous sources of supplies were transferred to the Taf Fechan Water Board on 1st April of this year.

16. WATER SUPPLY (contd)

The following is a report on a sample of water taken from the Taf Fechan Water Supply submitted for Chemical Analysis, showing slightly alkaline water.

Appearance in two foot tube	Clear
Colour (Burgess Scale) Units	5
Reaction, pH value	7.6
Total Hardness	26
Chlorides (expressed as Cl)	9
Nitrates (expressed as N)	0.1
Nitrates (expressed as N)	0.002
Ammoniacal Nitrogen	0.006
Albuminoid Nitrogen	0.006
Metals - Iron	0.05
Residual Chlorine	0.01
Volume of Sediment	0.5
Microscopical Examination of Sediment	Nil Amorphous debris.

REMARKS.

A clear soft slightly alkaline water of good organic quality containing a trace of iron in solution. The physical and chemical characters of the water are satisfactory.

Following each case of an unsatisfactory bacteriological report, simple measures such as flushing the mains or a storage tank together with chlorination resulted in the follow-up samples being reported upon as satisfactory.

The number of houses and the population supplied from public water mains is shown in the following table :-

<u>Parish</u>	<u>Direct to house</u> <u>Estimated Approximate Number.</u> <u>Population of houses.</u>	
Llantrisant	24,206	6,905
Llantwit Fardre	5,687	2,014

During the year under review, the water supply of the district has been adequate in quantity and analysis reports would indicate that on the whole the quality is pure and wholesome for drinking.

17. EXAMINATION OF MILK SAMPLES.

The following samples of milk were submitted to the Public Health Laboratory at Cardiff for bacteriological examination:-

	<u>Satisfactory</u>	<u>Unsatisfactory</u>	<u>Total</u>
Homogenised	3	-	3
Pasteurised	13	-	13
Sterilised	2	-	2
T.T.Pasteurised	1	-	1
T.T. (Raw)	3	-	3
C.I. Pasteurised	6	-	6
	<u>28</u>	<u>-</u>	<u>28</u>

18. MANUFACTURE, STORAGE AND SALE OF ICE CREAM.

There were no new applications for the registration of premises for the sale of prepacked ice cream during the year. There are now 146 premises registered for the sale of ice cream in this area; 5 are licensed for the manufacture and sale of ice cream.

Although some of the 18 samples of ice cream taken for analysis were made locally, the majority were produced by the large nationally known ice cream manufacturers.

In general, samples in Grades I and II can be regarded as satisfactory. The following table shows the results of analysis, and refers to the keeping quality of the ice cream.

Grade I	Grade II	Grade III	Grade IV
Satisfactory	Fair	Unsatisfactory	Very Unsatisfactory
18	-	-	-

19. RAINFALL.

During 1966 the rainfall recorded at the Duffryn Sewage Works, Tonyrefail amounted to 64.94 inches compared with 66.45 inches in 1965. At Talbot Green, rainfall on the Magistrate's Court Roof was recorded as 51.53 inches compared with 48.77 inches in 1965.

20. HOUSING REPAIRS.

During the year 34 houses were repaired as a result of informal action; 44 as a result of service of formal notices. There was one application for a Certificate of Disrepair during 1966.

21. CLOSET CONVERSIONS.

Conversions have been completed by installing flushing apparatus in 4 closets during the year, bringing the total to 262 water closet conversions for which grants have been paid by the Council since 1953 when the scheme commenced.

22. FOOD INSPECTION.

A total of 214 samples of foodstuffs were taken by the County Public Health Inspectors in the Llantrisant and Llantwit Fardre Rural District during the year under review, under the Food and Drugs Act 1955.

The following list of foodstuffs inspected and voluntarily surrendered was found to be unfit for human consumption and was disposed of by burning or burying at one of the Council's refuse tips:-

Tinned meat.....	362 lbs. 8¾ ozs.
Tinned fruit.....	249 lbs. 13 ozs.
Tinned tomatoes.....	93 lbs. 1½ ozs.
Tinned soup.....	15 lbs.
Tinned vegetables.....	24 lbs.
Tinned milk and cream. ....	3 lbs. 11 ozs.
Casks of pickled onions.....	600 lbs.
Boxes of potatoes.....	280 lbs.
Cases of broccoli.....	1,010 lbs.
Fish.....	71 lbs. 6½ ozs.

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2,709 lbs. 8¾ ozs.

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also 344 packets of miscellaneous frozen foods.



23. MEAT INSPECTION.Carcases and Offal inspected and condemned  
in whole or in part

	Cattle (except cows)	Cows	Calves	Sheep & Lambs	Pigs
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Number killed (if known)	116	-	1	1572	2556
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Number inspected	116	-	1	1572	2556
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All diseases exceptTuberculosis and Cysticercosis

Whole carcasses condemned	3	-	-	4	5
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Carcases of which some part or organ was condemned	61	-	-	411	338
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Percentage of the number inspected affected with disease other than tuber- culosis and cysticercosis	55.17%	-	-	26.39%	13.42%
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Tuberculosis only.

Whole carcasses condemned	-	-	-	-	1
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Carcases of which some part or organ was condemned	1	-	-	-	29
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Percentage of the number inspected affected with tuberculosis	0.86%	-	-	-	1.17%
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Cysticercosis

Carcases of which some part or organ was condemned	2	-	-	12	4
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Cases submitted to treatment by refrigeration	-	-	-	-	-
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Generalized and totally con- demned	-	-	-	-	-
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CONDEMNATIONS:-	Ox Carcase.....	1 (308 lbs.)
	Pigs Carcases.....	6
	Sheep Carcases.....	4
	Sheep Livers.....	301
	Pigs livers.....	190
	Ox livers.....	23
	Sheep lungs.....	11
	Pigs lungs.....	143
	Ox lungs.....	4
	Pigs hearts.....	71
	Pigs kidneys.....	2
	Ox head.....	1
	Pigs heads.....	29
	Sheeps leg.....	1 (6 lbs.)
	Sheeps hindquarters.....	1 (24 lbs.)
	Portion of pig flank.....	1 (8 lbs.)
	Portion of pig hind leg....	1
	Pigs intestines.....	1

#### 24. SEWAGE DISPOSAL AND SEWERAGE.

The following are results of examination of samples of sewage effluent taken by the Glamorgan River Board during the year. The Surveyor as Chief Officer in Charge of the sewage works, is notified of unsatisfactory samples and takes the appropriate action.

	<u>Number of Samples</u>	<u>Satisfactory</u>	<u>Unsatisfactory.</u>
Rhiwsaeson	10	10	-
Duffryn	10	10	-
Miskin	-	-	-

Results of routine sampling of sewage, effluents and trade effluents by Public Health Inspectors are given below :-

<u>Type</u>	<u>Number of Samples</u>	<u>Report</u>
Final Effluents	2	1 - unsatisfactory 1 - fairly satisfactory
Trade Effluents	8	7 - unsatisfactory 1 - fair

25. FACTORIES ACT 1961.Part 1.

1. Inspections for purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of Inspections (3)	Written Notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sec 1,2,3,4 and 6 are to be enforced by L.A.	20	10	-	-
(ii) Factories not included in (i) by which Sec.7 is enforced by Local Authorities	106	62	-	-
(iii) Other Premises in which Sec.7 is enforced by Local Authority (excluding out-workers premises)	-	-	-	-
TOTAL:	126	72	-	-

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars (1)	No. of cases in which defects found				No. of cases in which pro- secutions were instituted. (6)
	Found remedied (2)	Referred (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	1	1	-	1	-

Part VIII Factories Act 1961.

Nature of Work	Section 133.		Section 134			
	No. of putworkers in August list required by Sec.133 (1) (c)	No. of cases of default in sending lists to Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwhole-some premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing) Making apparel) etc	238					
) Cleaning						
Household linen						
Lace, lace curtains and nets						
Curtains and furniture hangings						
and other various						
TOTAL:	238	-	-	-	-	-





